

Miami-Dade County, Florida

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES

BOARD AND CODE ADMINISTRATION DIVISION

PRODUCT CONTROL SECTION

11805 S.W. 26 Street-Room 208
Miami, Florida 33175-2474

**Laboratory
Certificate**



T (786) 315-2590 Fax (786) 315-2599

This certifies that PRI Construction Materials Technologies located at 6412 Badger Drive, Tampa, FL 33610 is an approved Testing Laboratory in accordance with Miami-Dade County Department of Regulatory and Economic Resources and Protocol TAS301-94, and is Certified to perform the following tests:

| | |
|---|-----------------------------------|
| TAS100, TAS100A, TA101, TAS102 | TAS116, TAS117(A), (B) & (C) |
| TAS102 (A), TAS103 (Inclusive of TAS124 in lab) | TAS121, TAS123, TAS123(A), TAS124 |
| TAS104, TAS105, TAS106 | TAS125, TAS129, TAS131 |
| TAS107, TAS108, | TAS132, TAS135, TAS138 |
| TAS110 See attached qualifications sheet. | TAS139, TAS140, TAS141 |
| TAS111(A, B, & C), TAS112 | TAS142, TAS143, TAS201 |
| TAS114 Appendix (C, D, E, F, G, H, I, J & K) | TAS202, TAS203, ASTM D5635 |
| INTERNATIONAL ACCREDITATION | ASTM D6356, UL 2390 |
| SERVICES, INC. CERTIFICATE OF | |
| ACCREDITATION TL-189 | |

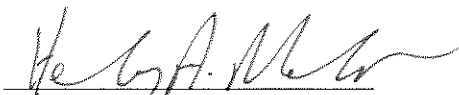
Results of the above mentioned test shall be properly submitted to the Miami-Dade County Department of Regulatory and Economic Resources per TAS301-94, along with all other documentation required for the approval of products. Approved engineer(s) for this laboratory:

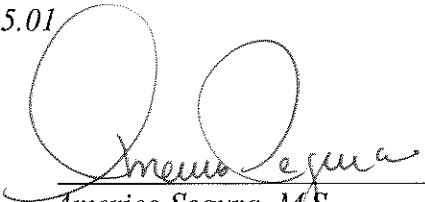
Charles L. Thomas, P.E., Duc T. Nguyen, P.E., Zachary Robert Priest, P.E.

This Certification and Registration Approved: June 30, 2016

This Certification and Registration Expires : August 9, 2021

Certification No. : 16-0510.31 Renews and Revises: 14-1215.01


Helmi A. Makar, P.E.
Product Control Section Supervisor
Product Control Section


Americo Segura, M.S.
Quality Assurance Unit Supervisor
Product Control Section

The Miami-Dade County Department of Regulatory and Economic Resources reserves the right to remove this certification for non-compliance with rules and regulations as set by Protocol TAS301-94.

Laboratory Certificate



PRODUCT CONTROL SECTION

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Subject: Approved Test Procedures
PRI Construction Materials Technologies, LLC
File No. 16-0510.31

TAS110 Physical Property Requirements of Roof Membranes, Insulation Materials, Membrane Coatings and Other Roofing Components

2. ASPHALT BUILT-UP ROOF SYSTEMS: All Sections

3. COAL-TAR PITCH BUILT-UP ROOF SYSTEMS: All Sections

4. SINGLE-PLY ROOF ASSEMBLIES: All Sections

5. LIQUID POLYETHYLENE ROOF ASSEMBLIES: All Sections

6. SPRAY-APPLIED POLYURETHANE FOAM ROOF ASSEMBLIES: All Sections

7. COATINGS: All Sections

8. ROOFING INSULATION: All sections except ASTM E84 & ASTM E108

9. FIBER CEMENT, DISCONTINUOUS ROOF ASSEMBLIES: All sections

10. NON-RIGID, DISCONTINUOUS (SHINGLE) ROOF ASSEMBLIES: All sections except ASTM E108

13. MECHANICAL ATTACHEMENT COMPONENTS: All sections

14. ATTIC VENTILATION PRODUCTS: All Sections

15. METAL PANEL ROOF ASSEMBLIES: All sections except ASTM E108

17. NON-RIGID TILES/SHAKES/SLATE/SHINGLES PRODUCTS (PLASTIC): All sections except ASTM E84

International Accreditation Service

CERTIFICATE OF ACCREDITATION

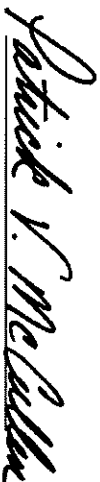
This is to signify that

PRI CONSTRUCTION MATERIALS TECHNOLOGIES, LLC

6412 BADGER DRIVE
TAMPA, FLORIDA 33610

Testing Laboratory TL-189

has met the requirements of the IAS Accreditation Criteria for Testing Laboratories (AC89), has demonstrated compliance with ISO/IEC Standard 17025:2005, *General requirements for the competence of testing and calibration laboratories*, and has been accredited, commencing July 25, 2013, for the test methods listed in the approved scope of accreditation.



Patrick V. McCullen
Vice President, Chief Technical Officer



C.P. Ramani, P.E.
President



ACCREDITED

Print Date: 10/20/2015

(see attached scope of accreditation for fields of testing and accredited test methods)
This accreditation certificate supersedes any IAS accreditation certificate bearing an earlier date. The certificate becomes invalid upon suspension, cancellation or revocation of accreditation.
See the IAS Accreditation Listings on the web at www.iasonline.org for current accreditation information, or contact IAS directly at (562) 364-8201.

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International Accreditation Service

SCOPE OF ACCREDITATION

PRI Construction Materials Technologies, LLC TL-189

PRI Construction Materials Technologies, LLC
6412 Badger Dr.
Tampa, FL 33610

Brad Grzybowski
Managing Director
(813) 621-5777

| FIELDS OF TESTING | ACCREDITED TEST METHODS |
|-------------------|---|
| Roofing Systems | <p>ASPE Standard Z 1034;</p> <p>ASTM Standards C 67, C 406, C 794, C 1167, C 1492, D 4, D 5, D 36, D 41, D 43, D 88, D 92, D 95, D 146, D 224, D 225 (excluding Section 9.1.3 Fire Classification), D 226, D 227, D 228, D 312, D 450, D 751, D 1227, D 1370, D 1781, D 1863, D 1970, D 2042, D 2178, D 2196, D 2626, D 2824, D 2939, D 3019, D 3161, D 3462 (excluding Section 5.3 Fire Classification), D 3468, D 3747, D 3909, D 4402, D 4434, D 4479, D 4586, D 4601, D 4637, D 4869, D 4918, D 4977, D 4990, D 5019, D 5147, D 5602, D 5636, D 5643, D 5849, D 6083, D 6152, D 6162, D 6163, D 6164, D 6221, D 6222, D 6223, D 6298, D 6380, D 6381, D 6509, D 6511, D 6754, D 6757, D 6848, D 6878, D 6947, D 7051, D 7105, D 7158, D 7281, D 7311, D 7349, D 7379, D 7425, D 7635, E 8, E 1592, E 1646, E 1680 and E 2140;</p> <p>CAN/CGSB Standard 37.54; CGSB Standards 37.50-M89, 37-GP-52M, and 37-GP-56M</p> <p>CSA Standard A123 (Sections 3, 4, 5, 21 and 22);</p> <p>Florida Building Code Standards: TAS 100, 100(A), 101, 102, 103, 104, 107, 108, 110, 112, 114 (excluding Appendices A-C), 116, 117(A), 117(B), 117(C), 121, 123, 125, 131, 135, 138, 139, 140, 141, 142 and 143;</p> <p>ANSI/FM Standard 4474; FM Standards 4450, 4470 and 4471 (Excluding Sections 4.1 and 4.2);</p> <p>ICC ES Acceptance Criteria: Test methods referenced in Sections 3.0 and 4.0 of ICC-ES AC07 (excluding Sections 3.2.5 Fire Classification and 3.2.9.2.3 Quality Control for Fire Classification), AC48, 3.0 of AC65, 3.0 and 4.0 of AC75, AC132 and AC152, 4.0 of AC160, 3.0 of AC165, 3.0 and 4.0 of AC166 (excluding Section 3.1.11 Fire Classification), 3.0 of AC180 (except Section 3.6) and AC188 (excluding Section 3.3 Fire Classification), 4.0 of AC200 and AC207, 3.0 and 4.0 of AC257, 3.0 of EG270 (excluding Section 3.4 Fire Classification), 3.0 and 4.0 of AC365 (excluding Sections 3.2.2 and 3.3.2);</p> <p>SBCCI SSTD 11-99</p> <p>SPRI Standard GD-1</p> <p>ANSI/UL Standards 1897 and 2390; UL Standards 580 and 2218</p> |

July 25, 2013
Commencement Date



C. P. Ramani
C. P. Ramani, P.E.
President

Print Date: 10/22/2015

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This accreditation certificate supersedes any IAS accreditation certificate bearing an earlier date. The certificate becomes invalid upon suspension, cancellation or revocation of accreditation. See the IAS Accreditation Listings on the web at www.iasonline.org for current accreditation information, or contact IAS directly at (562) 364-8201.

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International Accreditation Service

SCOPE OF ACCREDITATION

PRI Construction Materials Technologies, LLC TL-189

| FIELDS OF TESTING | ACCREDITED TEST METHODS |
|--------------------------------|--|
| Fenestrations and Wall Systems | <p>AAMA Standards 303, 304, 305, 308, 450, 505, 611, 612, 613, 614, 615, 624, 701/702, 711, 712, 713, 714, 800, 812, 920, 925, 930, 1304, 1701.2, 1702.2, 2603, 2604, 2605;</p> <p>AMCA Standard 540;</p> <p>ANSI/SPRI Standard ES-1;</p> <p>ANSI Standard Z 97;</p> <p>ANSI/BHMA Standard A156 (Sections 1, 2, 5, 12, 13, 17); ANSI/SDI/BHMA Standard A250.13</p> <p>ASTM Standards C 97, C 473, C 661, C 920, C 947, C 961, C 1177, C 1178, C 1184, C 1185, C 1186, C 1369, C 1382, C 1396, C 1629, D 3679, D 4060, D 4541, D 5206, E 72, E 283, E 330, E 331, E 546, E 547, E 564, E 987, E 1233, E 1677, E 1886, E 1996, E 2068, E 2134, E 2178, E 2357, F 476, F 588 and F 842;</p> <p>CAN/ULC Standard S742;</p> <p>CSA Standard A440 S1;</p> <p>DASMA Standard 108;</p> <p>Florida Building Code Standards TAS 201, 202, and 203;</p> <p>ICC ES Acceptance Criteria: Test methods referenced in Sections 3.0, 4.0 and 5.0 of ICC-ES AC308, AC908, 3.0 of AC 71, 3.0 and 4.0 of AC92 (excluding Section 3.4, 3.6, 4.1.2, 4.1.3 and 4.7.1.3), AC148, 4.0 of AC209, 3.0 and 4.0 of AC212, AC310, AC376 (excluding Sections 3.7, 3.8 and 4.2), 3.0 of AC386 (excluding Sections 3.1.7, 3.1.8, 3.1.11, 3.5 and 3.6);</p> <p>International Building Code ICC 500;</p> <p>SBCCI Standard SSTD 12;</p> <p>WDMA Standard IS 11</p> |

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Commencement Date



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International Accreditation Service

SCOPE OF ACCREDITATION

PRI Construction Materials Technologies, LLC TL-189

| FIELDS OF TESTING | ACCREDITED TEST METHODS |
|----------------------------|---|
| Foundation & Floor Systems | ANSI Standard A118 (Sections 1-12); ASTM Standards C 482, C 627, C 719, C 836, C 957, C 1305, C 1306, C 1325, C 1522, C 1523, D 543, D 1187, D 1434, D 1876, D 1894, D 4833, D 5385, D 6134, D 6506, D 6769, E 154 (excluding Section 16 Flame Spread), E 661, E 1745 and E 1993; ICC ES Acceptance Criteria: Test methods referenced in Sections 3.0 of ICC-ES Acceptance Criteria AC29, 4.0 of AC114 (excluding Section 4.10), 3.0 of AC115 and AC318 |
| Thermal Insulations | ASTM Standards C 165, C 203, C 208, C 209, C 272, C 303, C 518, C 578, C 726, C 728, C 1029, C 1289, and C 1303; CAN/ULC Standard S770; ICC ES Acceptance Criteria: Test methods referenced in Sections 3.0 and 4.0 of ICC-ES Acceptance Criteria AC12 (excluding Sections 3.1, 3.2, 3.3, 3.6, 4.2.1, 4.2.2, 4.3.4, 4.4.1, 4.4.4, 4.5.2 and 4.5.4), 3.0 of AC377 (excluding Sections 3.1.4, 3.1.5, 3.2.1, 3.3, 3.7 and 3.11) |
| Rubber & Plastic Materials | ASTM Standards C 297, D 256, D 412, D 570, D 624, D 635, D 638, D 790, D 816, D 882, D 1042, D 1204, D 1621, D 1622, D 1623, D 1929, D 1992, D 2126, D 2240, D 2842, D 2843, D 2856, D 3679, D 3767 and D 6226 |
| Environmental Testing | ASTM Standards B 117, C 1371, C 1549, D 1149, D 2247, D 4798, D 4799, D 6490, D 7897, E 96, E 136, E 546, E 1918, E 1980, E 2188, E 2189, E 2190, E 2649, G 85, G 151, G 154 and G 155; CRRC-1; US EPA Method 24 |
| Concrete and Aggregates | ASTM Standards C 39, C 495, C 567, and C 796 |

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